**Math:**

Objective 5.01

Identify, describe, translate, and extend repeating and growing patterns.

**Dance:**

Objective 1.02

Demonstrate and identify the element of space in dance: personal/general, locomotor/non-locomotor movement, axial movement, shape, level, direction, and pathways.

Objective 4.03

Evaluate dance movement sequences.

Students will be placed into groups of 6-10. Each group will create a movement pattern using shape, level, or direction as the “rule” for the pattern. The groups will present their patterns to the class, who will try to determine which “rule” was used. Then the groups will be asked to translate their movement pattern into numbers. For example, a group may use level as their “rule.” Their pattern might be high-low-high-middle-high-low-high-middle. In numbers this pattern could be something like +2 from high to low or low to high and +3 from high to middle or middle to high. So H-L-H-M-H-L-H-M might be 3-5-7-10-13-15-17-20. They may choose any starting number that they wish.